

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT INITIATION

Date: June 16, 1980

Project Title: Research Apprenticeships for Minority High School Students

Project No: E-27-573

Project Director: John L. Lundberg

Sponsor: National Science Foundation; Washington, D.C.

Agreement Period: From 5-1-80 Until 8-31-81

Type Agreement: Grant No. SPI-8014581 dated 5-14-80

Amount: \$20,000

Reports Required: Final Technical Report

Sponsor Contact Person (s):

Technical Matters

Mary M. Kohlerman
National Science Foundation
Washington, D. C.

(202) 282-7150

Contractual Matters

(thru OCA)

Frank Graves
National Science Foundation
Washington, D. C.

(202) 357-9843

Defense Priority Rating: None

Assigned to: Textile Engineering (School ~~LABORATORY~~)

COPIES TO:

Project Director
Division Chief (EES)
School/Laboratory Director
Dean/Director--EES
Accounting Office
Procurement Office
Security Coordinator (OCA)
✓ Reports Coordinator (OCA)

Library, Technical Reports Section
EES Information Office
EES Reports & Procedures
Project File (OCA)
Project Code (GTRI)
Other OCA Research Property Coordinator

SPONSORED PROJECT TERMINATION SHEETDate 6/10/82

Project Title: Research Apprenticeships for Minority High School Students

Project No: E-27-573

Project Director: John L. Lundberg

Sponsor: National Science Foundation; Washington, D. C.

Effective Termination Date: 8/31/81

Clearance of Accounting Charges: _____

Grant/Contract Closeout Actions Remaining:

- ☐ Final Invoice and Closing Documents
- ☒ Final Fiscal Report
- ☐ Final Report of Inventions
- ☐ Govt. Property Inventory & Related Certificate
- ☐ Classified Material Certificate
- ☐ Other _____

Assigned to: TE (School/Laboratory)COPIES TO:

Administrative Coordinator
Research Property Management
Accounting
Procurement/EES Supply Services

Research Security Services
Reports Coordinator (OCA) ✓
Legal Services (OCA)
Library

EES Public Relations (2)
Computer Input
Project File
Other _____

FINAL PROJECT REPORT
NSF FORM 98A

PLEASE READ INSTRUCTIONS ON REVERSE BEFORE COMPLETING

PART I-PROJECT IDENTIFICATION INFORMATION

1. Institution and Address Georgia Institute of Technology Administration Building Atlanta, GA 30332	2. NSF Program RAMHSS	3. NSF Award Number SPI-8014581
	4. Award Period From 5/1/80 To 8/31/81	5. Cumulative Award Amount \$20,000

6. Project Title

"Research Apprenticeships for Minority High School Students"

PART II-SUMMARY OF COMPLETED PROJECT (FOR PUBLIC USE)

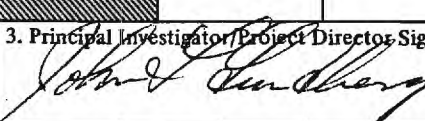
Eight (8) minority high school students, 4 male and 4 female, from 6 high schools in the City of Atlanta, worked full time for ten weeks, June 22 - August 29, 1980, on 8 different research projects with 8 professors from 6 schools of engineering and science at Georgia Tech. Three (3) participants had finished the eleventh grade and 7 the tenth grade.

Research projects were in biology, chemistry, civil engineering, electrical engineering, mechanics and psychology and involved computers, electronics, energy and textiles. Students spent about 80 percent of working time in research and 20 percent in seminars and 10 colloquia (with visiting lecturers) and in reporting their research to peers. Five students, 4 juniors and 1 senior, continued their researches at Georgia Tech, with their research advisers, on a part time basis through the school year until June 4, 1981. These 5 students had 6 teacher mentors in their high schools; the teacher mentors helped the students and supported them in varying degree. Estimates of research performance were excellent (1 participant), good (4), fair (2), and poor (1).

Two of the participants are now students at Georgia Tech (one undecided and one in industrial engineering), another is an "undecided" student at Georgia State University. One of the five who had finished the tenth grade before starting the program will graduate in June, first in her class with a "straight A".

The participants' need for help in preparing for college was quite evident. Therefore, some rich and demanding instruction in English, algebra, trigonometry, analytic geometry and physics was offered in Tech's RAMHSS program in 1981-2, with, perhaps, fair results.

PART III-TECHNICAL INFORMATION (FOR PROGRAM MANAGEMENT USES)

1. ITEM (Check appropriate blocks)	NONE	ATTACHED	PREVIOUSLY FURNISHED	TO BE FURNISHED SEPARATELY TO PROGRAM	
				Check (✓)	Approx. Date
a. Abstracts of Theses	X				
b. Publication Citations	X				
c. Data on Scientific Collaborators	X				
d. Information on Inventions	X				
e. Technical Description of Project and Results					
f. Other (specify) Final Report				X	6/15/82
2. Principal Investigator/Project Director Name (Typed) John L. Lundberg	3. Principal Investigator/Project Director Signature 			4. Date 5/7/82	